MATH 221
Linear Algebra

Spring 2016

Course webpage: http://www.mathcs.emory.edu/~jajaco3/teaching/m221.html

Instructor, Classroom, and Office Hours

Instructor: Jeremy Jacobson
Office: MSC E431
Office Hours: W 11:00am-12:30pm, TuTh 1:30pm-3:00pm
If you cannot make it to my office hours, then email me to arrange another time.

Course Topics, Textbook, and Prerequisites

Topics: systems of linear equations, linear independence and bases, matrices, matrix factorizations, determinants, linear transformations, eigenvalues and eigenvectors, and least-squares.

Prerequisites: Math 112 or Math 112Z.

Homework, Quizzes, and Exams

Homework will be assigned on the course webpage. Feel free to work together with other students on the homework.

Quizzes will be given most weeks. Each quiz will consist of a few of the questions from or similar to those that were assigned for homework. If you complete and understand the homework that is assigned, then you will do very well on the quizzes.

Exams will take place during lab with the exception of the final exam which is comprehensive. The exam schedule is listed below.

Exam Schedule:
Exam 1: Friday, February 26th
Exam 2: Friday, April 15th
Final Exam Section 000: Tuesday, May 3rd, 3:00pm-5:30pm
Final Exam Section 001: Tuesday, May 3rd, 3:00pm-5:30pm
Final Exam Section 004: Tuesday, May 3rd, 11:30am-2:00pm
Grading

The break-down is 20% quizzes, 25% first exam, 25% second exam, 30% final. The grading scale is described below. Be advised, borderline cases may not be rounded up.

A ≥ 93 %
A- ≥ 90%
B+ ≥ 87%
B ≥ 83%
B- ≥ 80%
C+ ≥ 77%
C ≥ 73%
C- ≥ 70%
D+ ≥ 67%
D ≥ 60%

Course Policies

Exam Attendance
If you have a schedule conflict with any exam come talk to me immediately. Absences from midterm exams and the final are subject to the rules described in the section Incompletes and absences at:

http://college.emory.edu/home/academic/policy/incomplete_absence.html

If you will be unable to attend a midterm exam for a documented and approved reason, for instance, you have documentation in the form of a letter from your coach, then bring the documentation to me as soon as possible. Once approved, a makeup exam can be given.

The Honor Code
The Emory College Honor Code applies to all work in this class. For details see:

http://college.emory.edu/home/academic/policy/honor_code.html

Accomodations
All information shared with me regarding your identity, disability and accommodations is confidential. Please contact me as soon as possible so that I can provide the approved accommodations outlined on the Accommodation Notification Letter. I am happy to consult with ADSR in providing additional accommodations.

Registration Questions

All questions about course registration and wait list should be directed to your Math/CS advisor if applicable, and otherwise to Steve La Fleur (email slafleu@emory.edu).